

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041420\
 Data File : VU037694.D
 Acq On : 14 Apr 2020 11:38
 Operator : JC/MD
 Sample : VSTD00106
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00106

Quant Time: Apr 14 14:03:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 14 13:56:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	359993	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	344752	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	171560	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	26574	0.89	ug/L	0.00
7) Chloroethane-d5	1.93	69	22228	0.95	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	46663	0.88	ug/L	0.00
20) 2-Butanone-d5	4.67	46	72446	8.89	ug/L	0.00
24) Chloroform-d	5.10	84	43243	0.86	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	25341	0.90	ug/L	0.00
32) Benzene-d6	5.76	84	90825	0.86	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	30002	0.87	ug/L	0.00
41) Toluene-d8	7.92	98	82175	0.85	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	13273	0.87	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	67708	8.94	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	22575	0.81	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	31042	0.89	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	30369	1.057 ug/L	99
3) Chloromethane	1.53	50	39854	1.295 ug/L	99
5) Vinyl chloride	1.62	62	38179	1.236 ug/L	97
6) Bromomethane	1.87	94	22508	1.473 ug/L	94
8) Chloroethane	1.95	64	23208	1.219 ug/L	97
9) Trichlorofluoromethane	2.16	101	41624	0.971 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	23105	0.943 ug/L	98
12) 1,1-Dichloroethene	2.60	96	25155	1.050 ug/L	96
13) Acetone	2.66	43	52456	11.152 ug/L	99
14) Carbon disulfide	2.82	76	93881	1.163 ug/L	99
15) Methyl Acetate	2.98	43	14651	1.052 ug/L	99
16) Methylene chloride	3.08	84	29617	1.057 ug/L	99
17) Methyl tert-butyl Ether	3.40	73	77462	1.139 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	27559	1.055 ug/L	95
19) 1,1-Dichloroethane	3.91	63	55346	1.123 ug/L	99
21) 2-Butanone	4.75	43	93180	11.186 ug/L	98
22) cis-1,2-Dichloroethene	4.71	96	30614	1.077 ug/L	93
23) Bromochloromethane	5.01	128	13363	1.082 ug/L	97
25) Chloroform	5.12	83	51817	1.035 ug/L	98
27) 1,2-Dichloroethane	5.83	62	35364	1.093 ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	43165	0.981 ug/L	99
30) Cyclohexane	5.42	56	51399	1.040 ug/L	98
31) Carbon tetrachloride	5.56	117	33279	0.937 ug/L	98
33) Benzene	5.81	78	120017	1.086 ug/L	100
34) Trichloroethene	6.57	95	29178	1.008 ug/L	97
35) Methylcyclohexane	6.79	83	46911	0.961 ug/L	98
37) 1,2-Dichloropropane	6.82	63	31831	1.072 ug/L	99
38) Bromodichloromethane	7.13	83	37191	0.988 ug/L	98
39) cis-1,3-Dichloropropene	7.63	75	49325	1.073 ug/L	96
40) 4-Methyl-2-pentanone	7.82	43	230431	10.975 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	123901	1.056	ug/L	98
44) trans-1,3-Dichloropropene	8.23	75	42928	1.076	ug/L	94
45) 1,1,2-Trichloroethane	8.42	97	22065	1.070	ug/L	96
47) Tetrachloroethene	8.57	164	20335	1.067	ug/L	93
48) 2-Hexanone	8.71	43	167436	11.042	ug/L	99
49) Dibromochloromethane	8.83	129	24021	0.984	ug/L	100
50) 1,2-Dibromoethane	8.95	107	20714	1.034	ug/L #	93
51) Chlorobenzene	9.47	112	74803	1.035	ug/L	98
52) Ethylbenzene	9.59	91	135565	1.019	ug/L	100
53) m,p-Xylene	9.71	106	51160	1.021	ug/L	98
54) o-Xylene	10.12	106	51240	1.062	ug/L	97
55) Styrene	10.13	104	87188	1.046	ug/L	100
56) Isopropylbenzene	10.50	105	133031	1.012	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	27243	0.984	ug/L	96
59) 1,2,3-Trichloropropane	10.84	75	20999	1.080	ug/L	97
61) Bromoform	10.31	173	13849	0.983	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	58510	1.025	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	59197	1.020	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	55550	1.016	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	5136	0.985	ug/L	97
67) 1,3,5-Trichlorobenzene	13.24	180	41209	0.990	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	38195	0.991	ug/L	98
69) Naphthalene	14.12	128	80222	0.951	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	34985	1.018	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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